

Figure 1

MRVLCAFPEAMPSSNSRPPACLAPGALYLA
30
LLLHLSSLSSQAGDRRPLPVDRAAGLKEKTL
60
IILDVSTKNPVRTVNENFLSLQLDPSIIHD
90
GWLDFLSSKRLVTLARGLSPAFLRFGGKRT
120
DFLQFQNLRNPAKSRGPGPDYYLKNYEDD
150
IVRSDVALDKQKGCKIAQHPDVMLELQREK
180
AAQMHLVLLKEQFSNTYSNLILTEPNNYRT
210
MHGRAVNGSQLGKDYIQLKSLLQPIRIYSR
240
ASLYGPNIGRPRKNVIALLDGFMKVAGSTV
270
DAVTWQHCYIDGRVVKVMDFLKTRLLEDTLS
300
DQIRKIQKVNVNTYTPGKKIWLEGVVTTSAG
330
GTNNLSDSYAAGFLWLNTLGMLANQGIDVV
360
IRHSFFDHGYNHLVDQNFNPLPDYWLSSL
390
KRLIGPKVLAVHVAGLQRKPRPGRVIRD
420
RIYAHCTNHNNHYVRGSITLFIINLHRSR
450
KKIKLAGTLRDKLVHQYLLQPYGQEGLSK
480
SVQLNGQPLVMVDDGTLPELKPRPLRAGRT
510
LVIIPPVTMGFFVVKNVNALACRYR
534

Figure 2A

HEPI	--MLLRSKPALP--	PP-----	L.MLLLGPLSPGALPRPA-----	QAQDV
HEPII	:* :* :* :* :	* * * * :	* * * * . * . * . * .	:
HEPI	VDLDFFTQEPLHVLVSPSFISVTIDANL	ATDPRFLILLGSPKLRTLAARGLSPAYLRFGGTK		
HEPII	TLLDVSTKNPVRTVNENFLSQLDPSI	IHDG-WLDFLSSKRLVTLARGLSPAFRLRFGGKR		
	: * * . * :* :* :* . * . * * * :	* :* . * :* . * :* . * :* . * :* . *		
HEPI	TDFLIFDPKKESTEERSYWQSQVNQDIC	KYGSIPPDVEEKLIRLEWPYQEQLLREHYQK		
HEPII	TDFLQFQNLRN---PAKSR---	--GGPGPDYYLKNYEDDIVRSDVALDK--QK		
	* *** * :* :* :* :* :	* . * * * :* . * :* . * :* . * :*		
HEPI	KFKNSTSRS SVDVLYTEFANC	SGLDLIFGLNALLRTADLQWNSSNAQLLL	DYCSSLKGYNI	
HEPII	GCKIAQHP --DVMLELQREK--	--AAQMHLVLLKEQFSNTYSNLL	--T-----	
	* :* :* :* :* :* :	* . * :* :* :* :* :* :* :		
HEPI	SWELGNEPNSFLKKADIFINGSQ	LGDFIQLHKLLRKS-TFKNAKL	YGPDVGQPRRKTA	
HEPII	--E---PNNYRTMHGRAVNGSOLGKD	YIQLKSLLQPIRIYSRASLYGPNI	GRPRKNVIA	
	* * . :* :* :* :* :* :	* :* :* :* :* :* :* :* :		
HEPI	MLKSFNLAGGEVIDSVTWHYI	NGRTATKEDFLNPDVLDIFISSVQKVFOVVESTRPGK		
HEPII	LLDGFMKVAGSTVDAVTWQHCV	IDGRVVKVMDFLKTRLLDTLSQIRKIQKVVNTYTPGK		
	* :* :* :* :* :* :* :	* :* :* :* :* :* :* :* :		

Figure 2B

HEPI	KVWLGETSSAYGGGAPILLSDTFAAGEMWLDKLGLSARMGIEVVMRQVFEGAGNYHLVDEN
HEPIT	KIWLEGVVTTSAAGGTNNLSDSYAAGFLWLNTLGMILANQGIDVVIRHSFEDHGYNHHLVDQN *: * . : : * : * * : * * : * * : * . * * : * * : * . * * : * * : * : *
HEPI	FDPPLPDYWLSSLIFKKLVUGTKVLMASVQGSKRR-----KLRVYLHCTNTDNPRYKEG
HEPIT	FNPPLPDYWLSSLIYKRLIGPKVLAHVAGLQRKPRPGRVIRDKLRIYAHCTNHHHNHYVRG *: * * * * * * * : * : * : * * * . * * : * : * * * . * . * . *
HEPI	DLTLYAINLHNVTKYLRLPYFSNKQVDKYLLRPLGPHGLLSKSQVLNGLTLMKVDDQTL
HEPIT	SITLFIINLHRSRKIKLLAGTLRDKLIVHQYLLQPYGQEGLKSKSQVLNGQPLVMVDDGTL . : * * : * * * . * : * : * . : * : * . : * * * : * . * * : * * * * . * * * * * * * * . *
HEPI	PPLMEKPLRPGLOSSLGLPAFSYSFFVIRNAKVAACT--
HEPIT	PELKPRPLRAGRRTLVIIPPVTMGFFFVVKVNNALACRYR * * : * * . * : * : * . : * * : * . * * : * . : * . * *

Figure 3

